U.S. Geological Survey
Rock-color chart committee

PRELIMINARY DRAFT OF THE ROCK-COLOR CHART

Prepared by

The Rock-color Chart Committee

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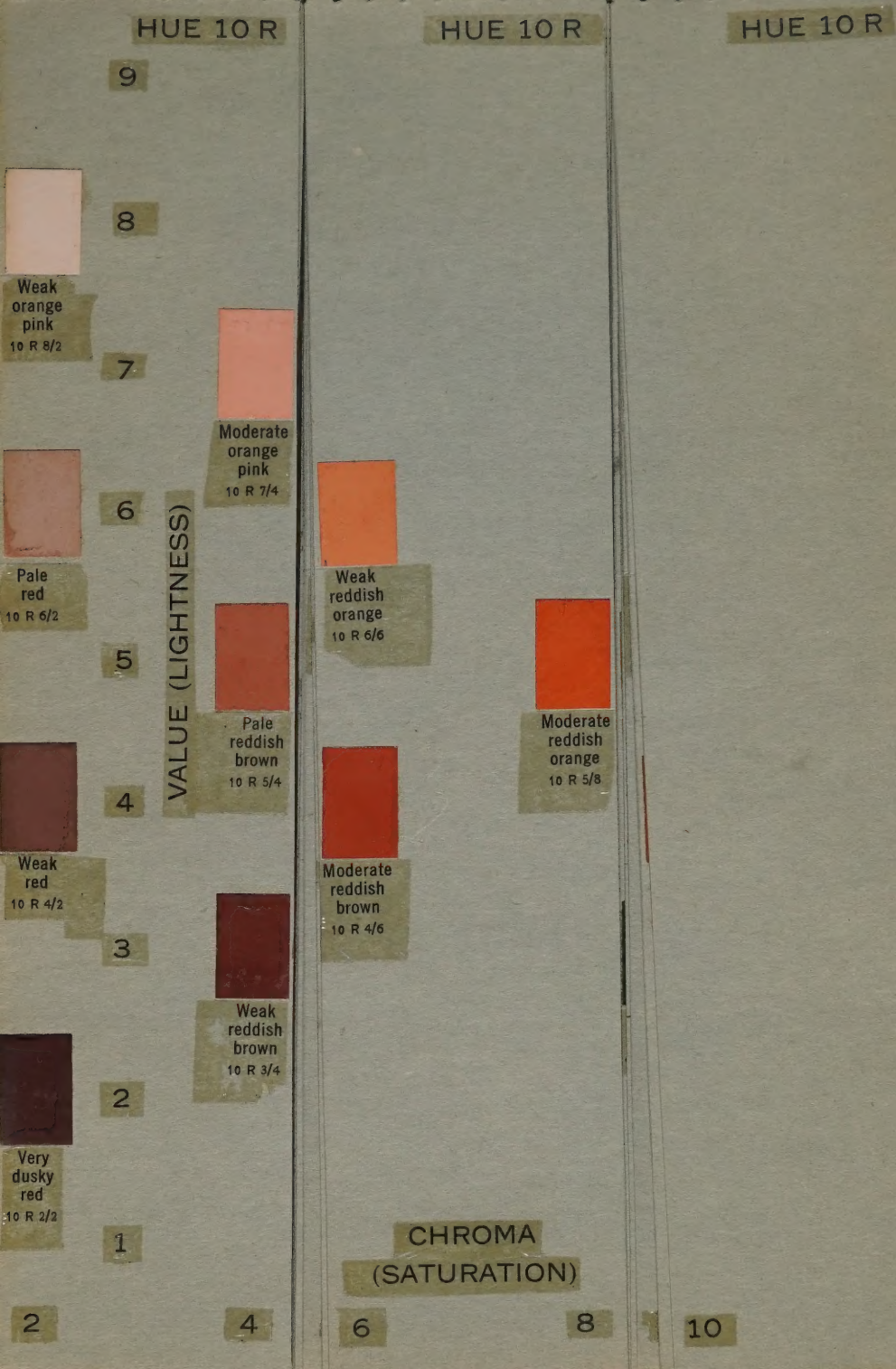
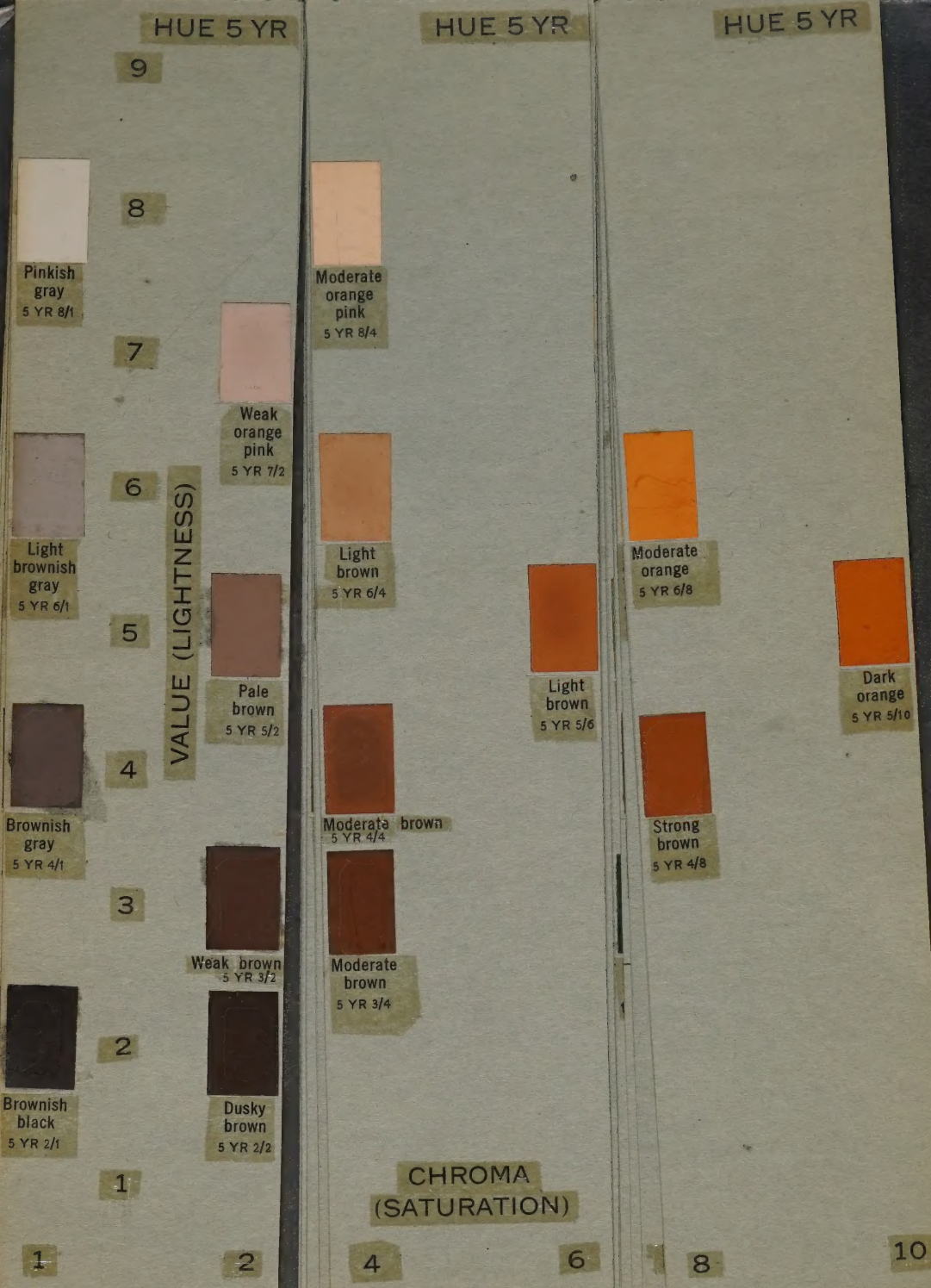
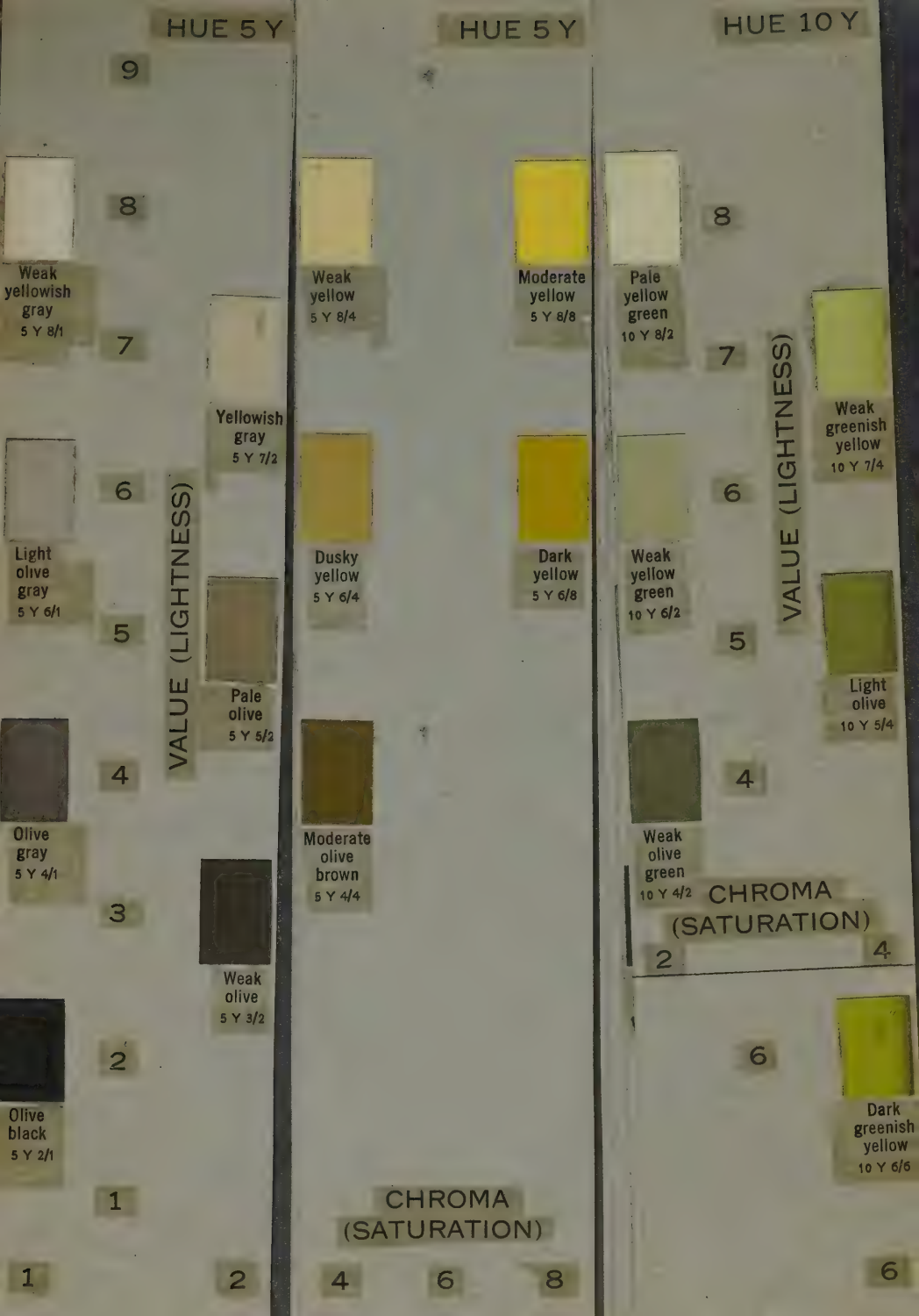
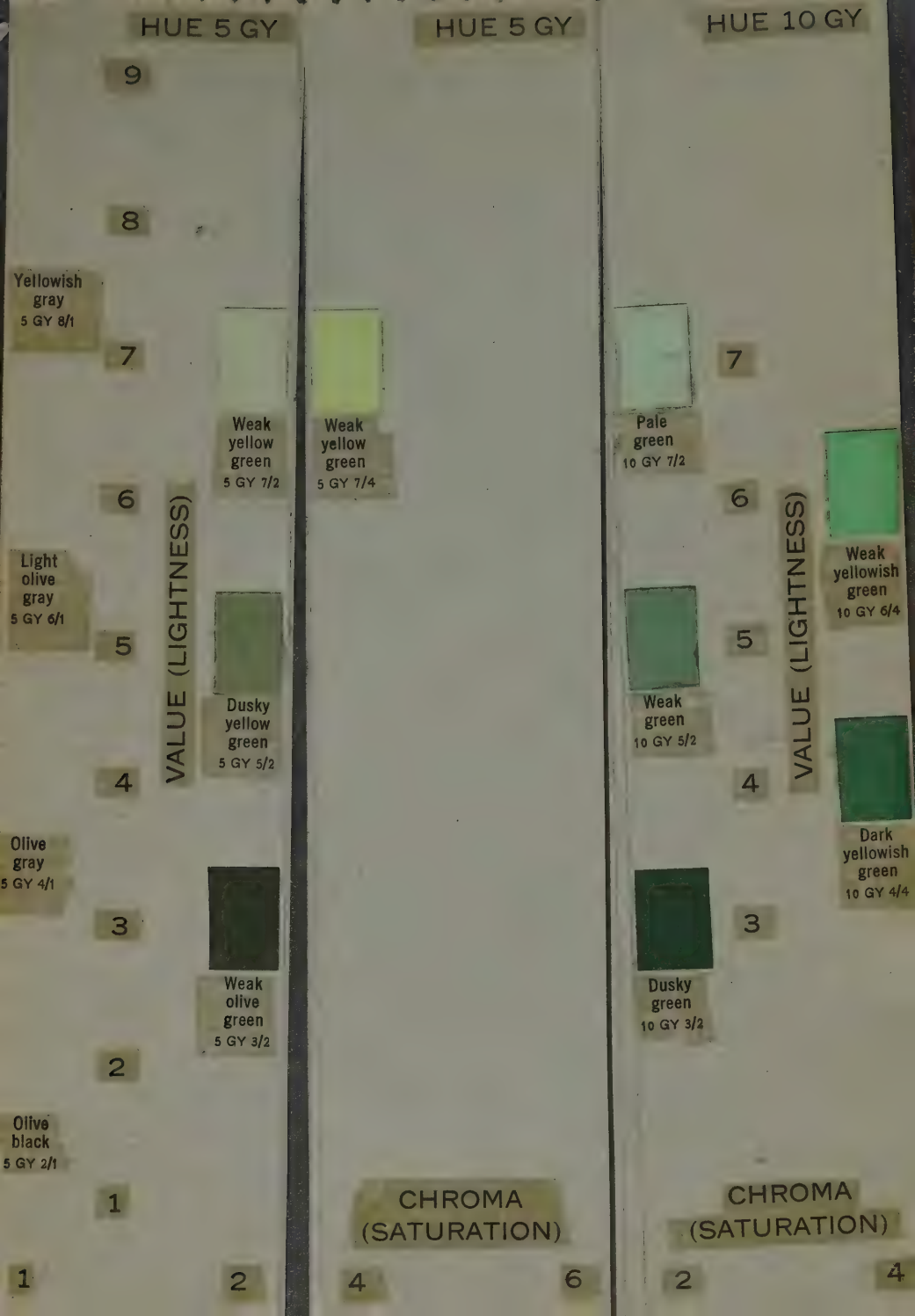
N
HUE 5 R
HUE 5 R
HUE 5 R
9
Very light gray
N 9
8
Light gray
N 8
Pinkish gray
5 R 8/2
7
Medium light gray
N 7
Moderate pink
5 R 7/4
6
Medium gray
N 6
Reddish gray
5 R 6/2
Light red
5 R 6/6
VALUE (LIGHTNESS)
5
Medium gray
N 5
Weak red
5 R 5/4
Moderate red
5 R 5/8
4
Medium dark gray
N 4
Dark reddish gray
5 R 4/2
Moderate red
5 R 4/6
Strong red
5 R 4/10
3
Dark gray
N 3
Dusky red
5 R 3/4
Dark red
5 R 3/8
2
Grayish black
N 2
Reddish black
5 R 2/2
Very dark red
5 R 2/6
1
Black
N 1
CHROMA (SATURATION)
0
2
4
6
8
10

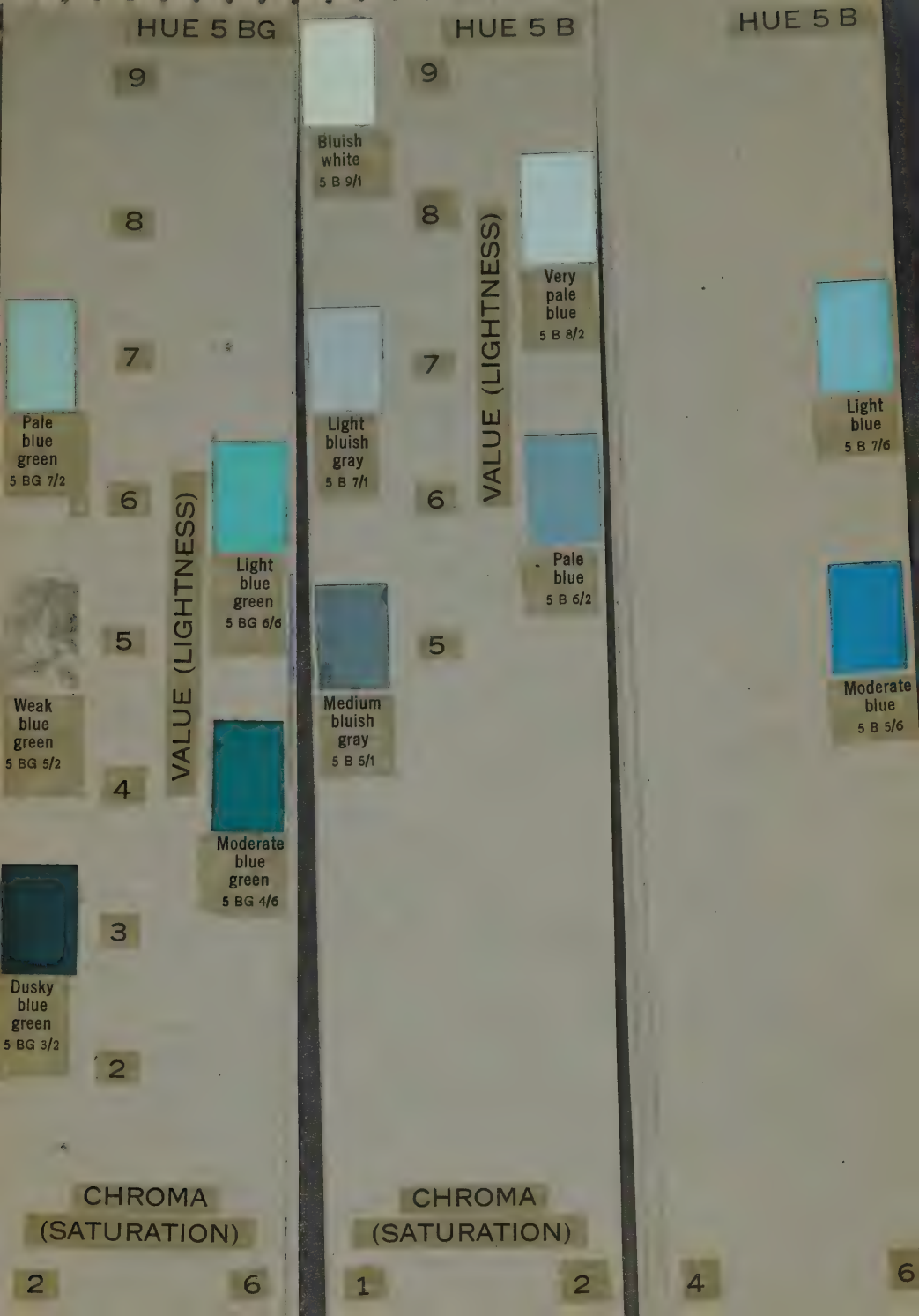

HUE 10 R
HUE 10 R
HUE 10 R
9
8
7
6
5
4
3
2
1
VALUE (LIGHTNESS)
Weak orange pink
10 R 8/2
Moderate orange pink
10 R 7/4
Pale red
10 R 6/2
Weak reddish orange
10 R 6/6
Moderate reddish orange
10 R 5/8
Pale reddish brown
10 R 5/4
Weak red
10 R 4/2
Moderate reddish brown
10 R 4/6
Weak reddish brown
10 R 3/4
Very dusky red
10 R 2/2
CHROMA
(SATURATION)
2
4
6
8
10

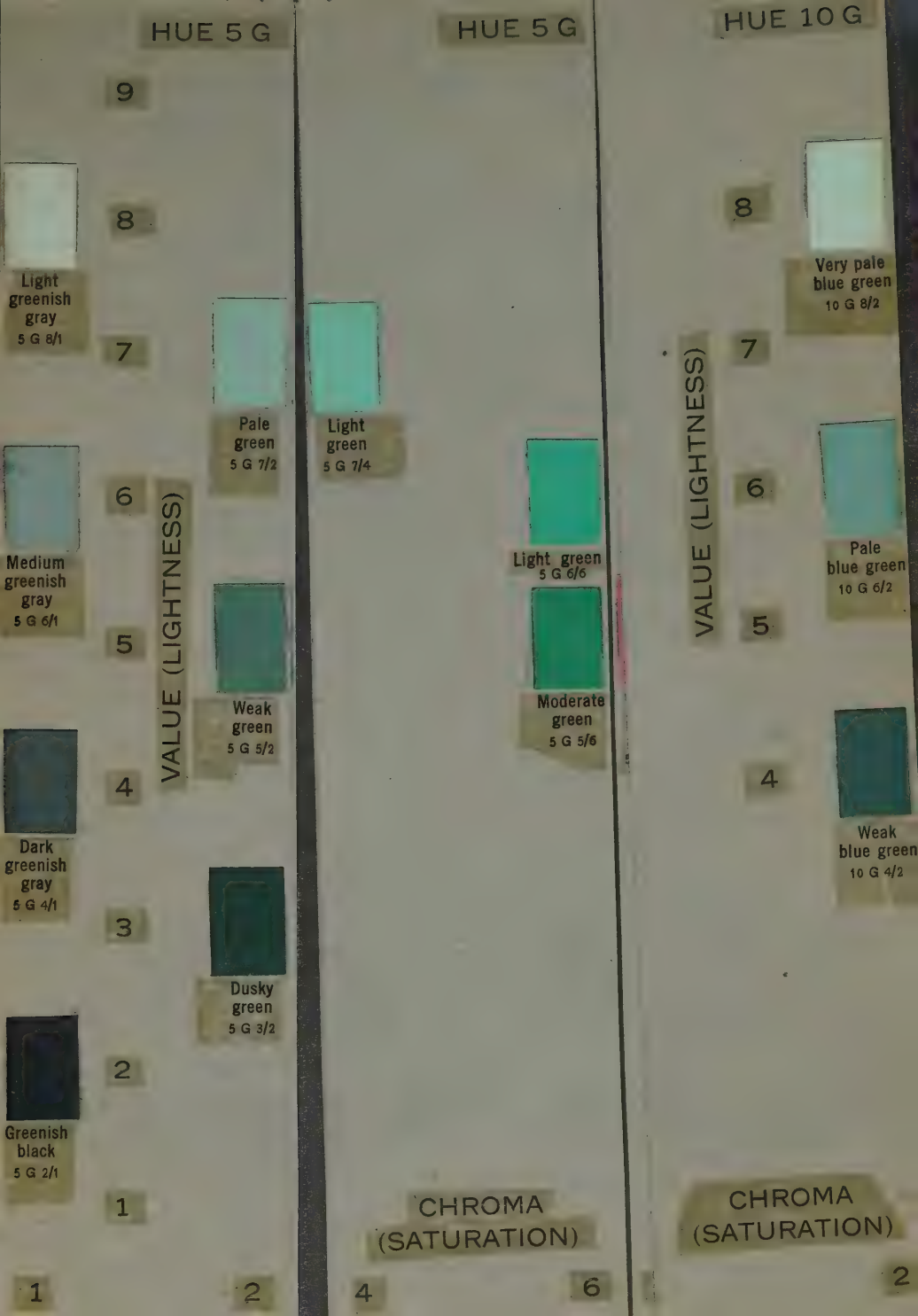

HUE 5 YR
HUE 5 YR
HUE 5 YR
9
8
7
6
5
4
3
2
1
VALUE (LIGHTNESS)
Pinkish gray 5 YR 8/1
Weak orange pink 5 YR 7/2
Moderate orange pink 5 YR 8/4
Light brownish gray 5 YR 6/1
Light brown 5 YR 6/4
Moderate orange 5 YR 6/8
Pale brown 5 YR 5/2
Light brown 5 YR 5/6
Dark orange 5 YR 5/10
Brownish gray 5 YR 4/1
Moderate brown 5 YR 4/4
Strong brown 5 YR 4/8
Weak brown 5 YR 3/2
Moderate brown 5 YR 3/4
Brownish black 5 YR 2/1
Dusky brown 5 YR 2/2
CHROMA (SATURATION)
1
2
4
6
8
10

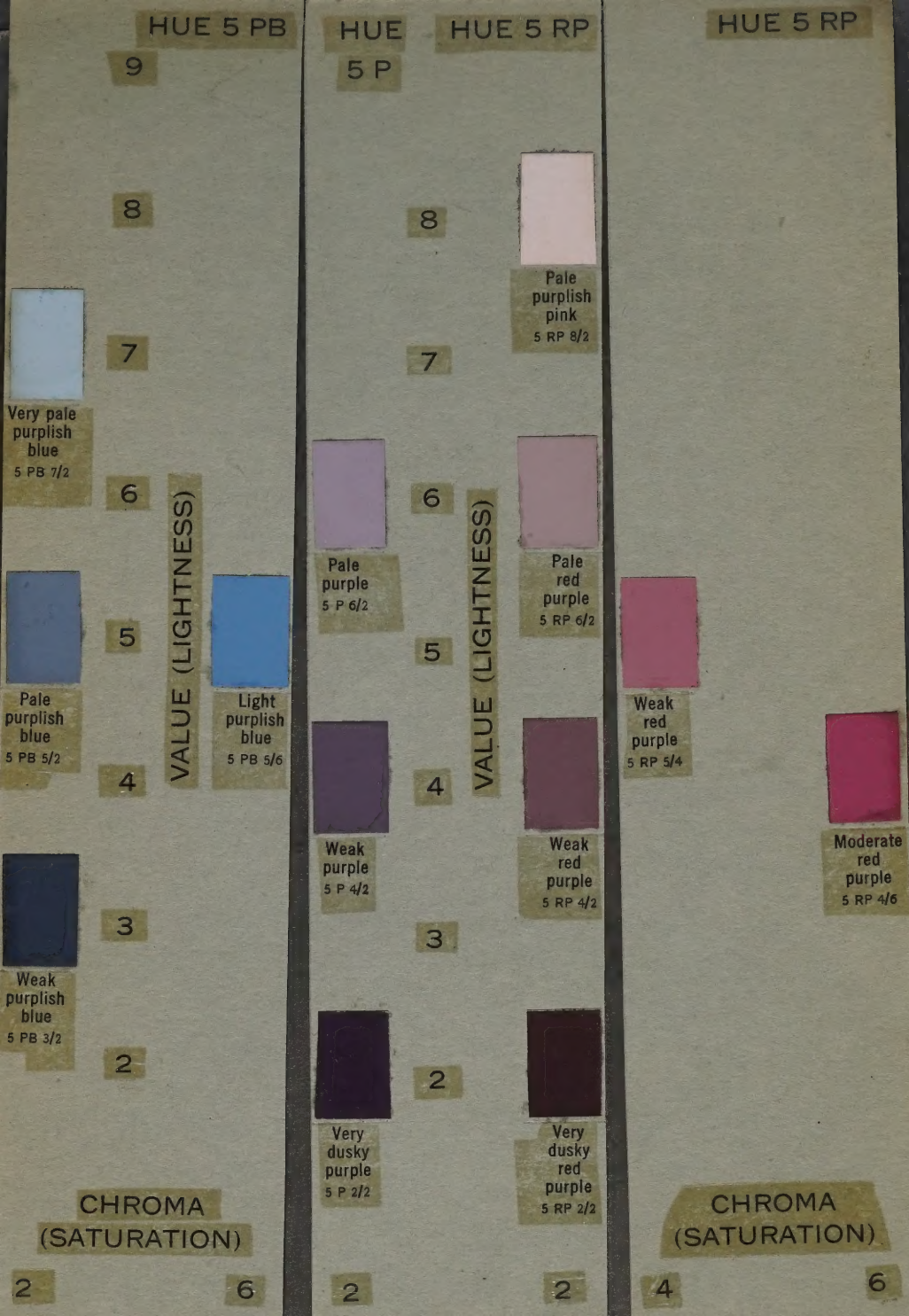
HUE 10 YR
HUE 10 YR
HUE 10 YR
9
8
7
6
5
4
3
2
1
VALUE (LIGHTNESS)
Yellowish gray 10 YR 8/2
Weak yellowish orange 10 YR 7/4
Light brownish gray 10 YR 6/2
Moderate yellowish brown 10 YR 5/4
Brownish gray 10 YR 4/2
Brownish black 10 YR 2/2
Weak yellowish orange 10 YR 8/6
Dusky yellowish orange 10 YR 6/6
Moderate yellowish orange 10 YR 7/8
Strong yellowish brown 10 YR 5/8
Dark yellowish orange 10 YR 6/10
CHROMA (SATURATION)
2
4
6
8
10


HUE 5 Y
HUE 5 Y
HUE 10 Y
9
8
7
6
5
4
3
2
1
VALUE (LIGHTNESS)
Weak yellowish gray 5 Y 8/1
Yellowish gray 5 Y 7/2
Light olive gray 5 Y 6/1
Pale olive 5 Y 5/2
Olive gray 5 Y 4/1
Weak olive 5 Y 3/2
Olive black 5 Y 2/1
Weak yellow 5 Y 8/4
Moderate yellow 5 Y 8/8
Dusky yellow 5 Y 6/4
Dark yellow 5 Y 6/8
Moderate olive brown 5 Y 4/4
Pale yellow green 10 Y 8/2
Weak greenish yellow 10 Y 7/4
Weak yellow green 10 Y 6/2
Light olive 10 Y 5/4
Weak olive green 10 Y 4/2
Dark greenish yellow 10 Y 6/6
CHROMA (SATURATION)
1
2
4
6
8
2
4
6


HUE 5 GY
HUE 5 GY
HUE 10 GY
9
8
7
6
5
4
3
2
1
VALUE (LIGHTNESS)
Yellowish gray
5 GY 8/1
Light olive gray
5 GY 6/1
Olive gray
5 GY 4/1
Olive black
5 GY 2/1
Weak yellow green
5 GY 7/2
Dusky yellow green
5 GY 5/2
Weak olive green
5 GY 3/2
Weak yellow green
5 GY 7/4
Pale green
10 GY 7/2
Weak green
10 GY 5/2
Dusky green
10 GY 3/2
Weak yellowish green
10 GY 6/4
Dark yellowish green
10 GY 4/4
CHROMA (SATURATION)
1
2
4
6
CHROMA (SATURATION)
2
4


HUE 5 BG
HUE 5 B
HUE 5 B
9
8
7
6
5
4
3
2
VALUE (LIGHTNESS)
Bluish white
5 B 9/1
Very pale blue
5 B 8/2
Light bluish gray
5 B 7/1
Pale blue
5 B 6/2
Medium bluish gray
5 B 5/1
Light blue
5 B 7/6
Moderate blue
5 B 5/6
Pale blue green
5 BG 7/2
Light blue green
5 BG 6/6
Weak blue green
5 BG 5/2
Moderate blue green
5 BG 4/6
Dusky blue green
5 BG 3/2
CHROMA (SATURATION)
2
6
CHROMA (SATURATION)
1
2
4
6


HUE 5 G
HUE 5 G
HUE 10 G
9
8
7
6
5
4
3
2
1
VALUE (LIGHTNESS)
Light greenish gray 5 G 8/1
Pale green 5 G 7/2
Light green 5 G 7/4
Medium greenish gray 5 G 6/1
Light green 5 G 6/6
Weak green 5 G 5/2
Moderate green 5 G 5/6
Dark greenish gray 5 G 4/1
Dusky green 5 G 3/2
Greenish black 5 G 2/1
Very pale blue green 10 G 8/2
Pale blue green 10 G 6/2
Weak blue green 10 G 4/2
CHROMA (SATURATION)
1
2
4
6
2


HUE 5 PB
HUE 5 P
HUE 5 RP
HUE 5 RP
9
8
7
6
5
4
3
2
VALUE (LIGHTNESS)
Very pale purplish blue
5 PB 7/2
Pale purplish blue
5 PB 5/2
Light purplish blue
5 PB 5/6
Weak purplish blue
5 PB 3/2
Pale purple
5 P 6/2
Weak purple
5 P 4/2
Very dusky purple
5 P 2/2
Pale purplish pink
5 RP 8/2
Pale red purple
5 RP 6/2
Weak red purple
5 RP 4/2
Very dusky red purple
5 RP 2/2
Weak red purple
5 RP 5/4
Moderate red purple
5 RP 4/6
CHROMA (SATURATION)
2
6
2
2
4
6

3 0112 106075937